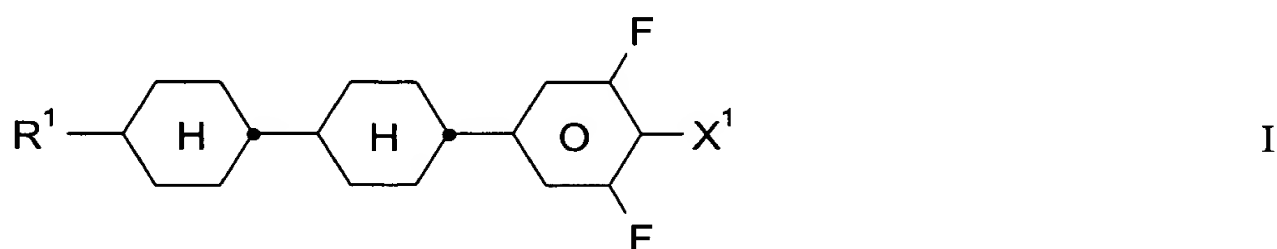


This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A liquid-crystalline medium of positive dielectric anisotropy, which comprises one or more compounds of the formula I:

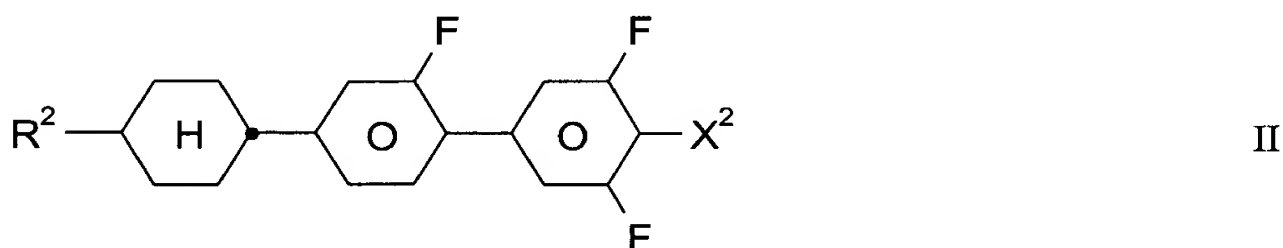


in which

R¹ is an alkyl radical having 1 to 7 carbon atoms or alkenyl radical having ~~1 or 2~~ to 7 carbon atoms ~~respectively~~, and

X¹ is F, OCF₃ or OCHF₂;

one or more compounds of the formula II

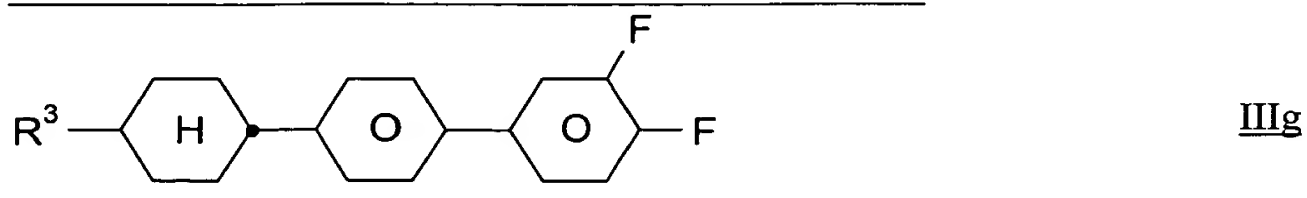
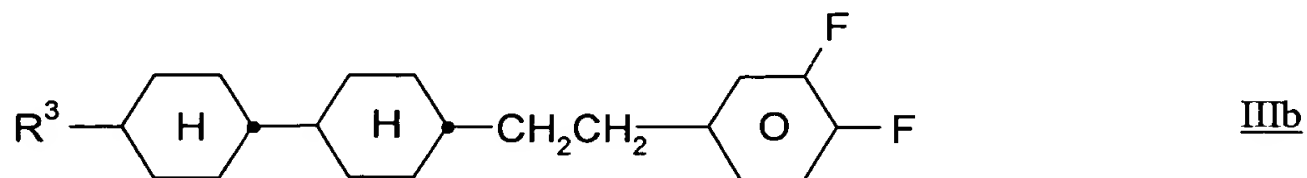


in which

R² is an alkyl radical having 1 to 7 carbon atoms or alkenyl radical having ~~1 or 2~~ to 7 carbon atoms ~~respectively~~, and

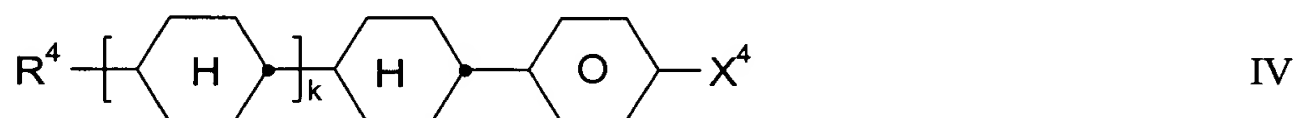
X² is F, OCF₃ or OCHF₂;

one or more compounds of the formulae IIIb or IIIg



wherein R^3 is an alkyl of 1 to 7 carbon atoms or alkenyl radical of 2 to 7 carbon atoms; and

one or more compound(s) of the formula IV



in which

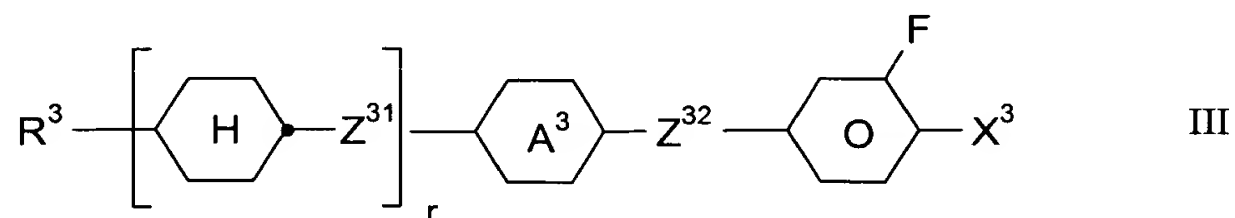
R^4 is an alkyl radical having 1 to 7 carbon atoms or alkenyl radical having 1 or 2 to 7 carbon atoms respectively,

X^4 is F or Cl, and

k is 0 or 1,

wherein the medium exhibits a nematic phase at least down to -20°C and at least above 75°C , a birefringence value of ≤ 0.090 or ≥ 0.100 , and a rotational viscosity, γ_1 , at 20°C , of less than $160\text{mPa}\cdot\text{s}$.

2. (Currently Amended) The medium according to Claim 1, which further comprises one or more compounds of the formula III, which are not of formula IIIb or IIIg in claim 1:

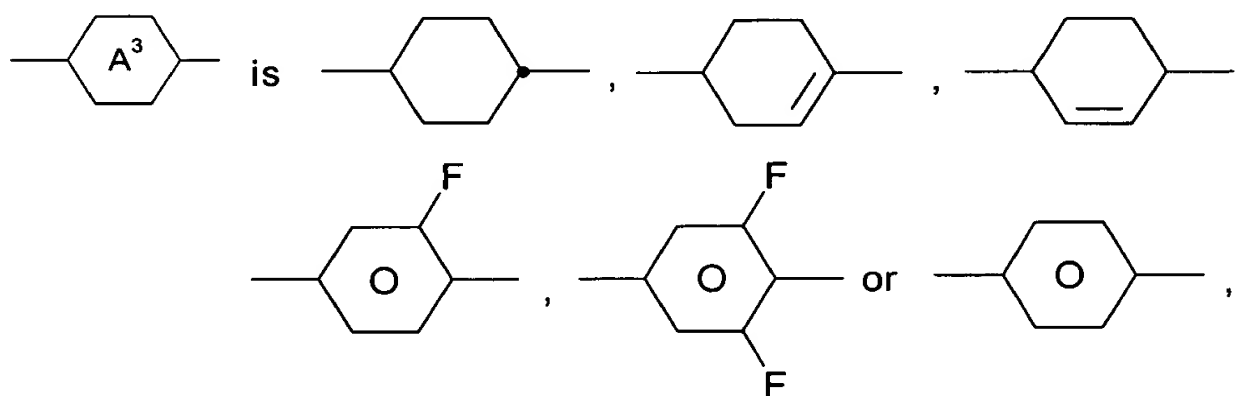


in which

R^3 is an alkyl radical having 1 to 7 carbon atoms or alkenyl radical having 1 or 2 to 7 carbon atoms respectively,

Z^{32} and, if present, Z^{31}

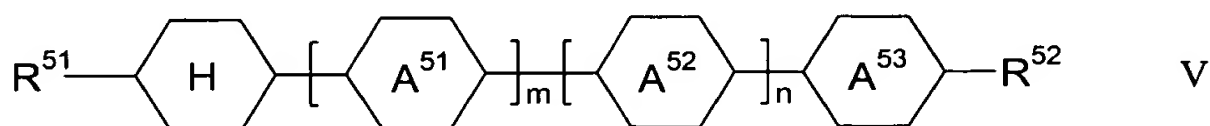
are each, independently of one another, $-\text{CH}_2-\text{CH}_2-$, $-\text{CH}=\text{CH}-$ or a single bond,



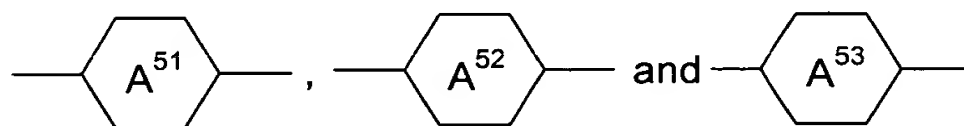
X^3 is F, OCF_3 or OCHF_2 , and

r is 0 or 1.

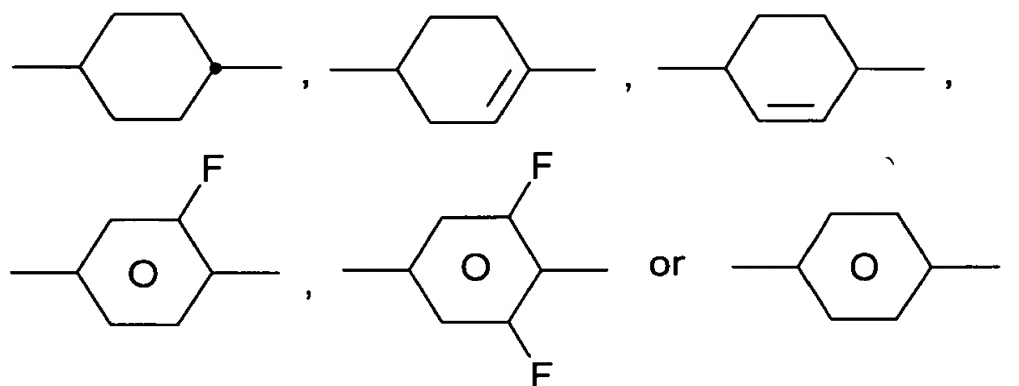
3. (Currently Amended) A medium according to Claim 1, which further comprises one or more compounds of the formula V



in which



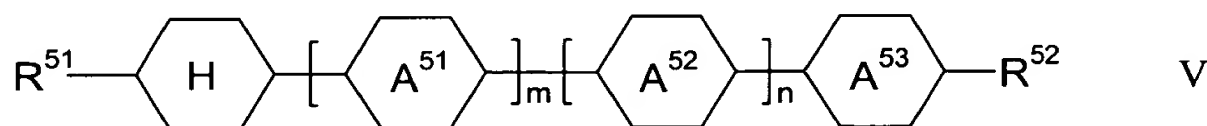
are each, independently of one another,



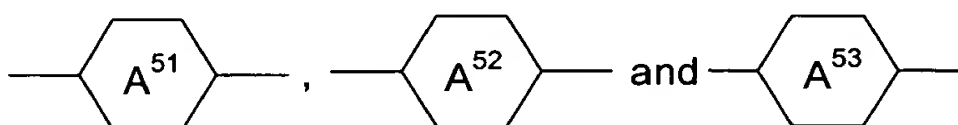
R⁵¹ and R⁵² are each, independently of one another, an alkyl or, alkoxy radical having 1 to 7 carbon atoms or alkenyl radical having ~~1 or~~ 2 to 7 carbon atoms respectively, and

n and m are each, independently of one another, 0 or 1.

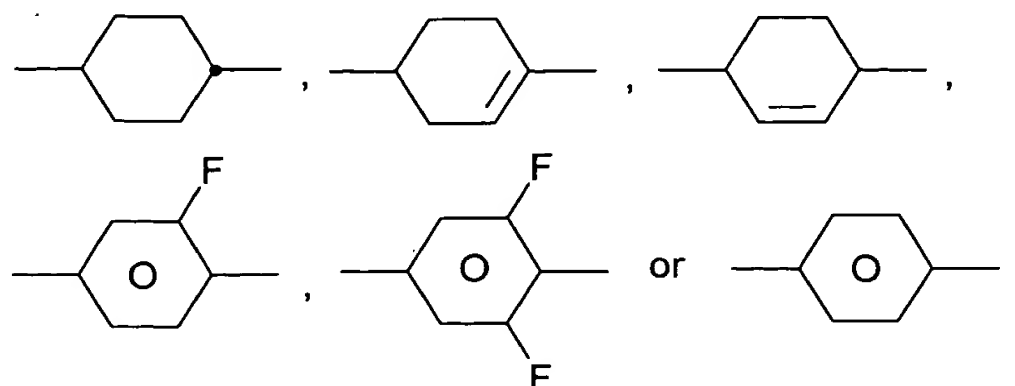
4. (Currently Amended) A medium according to Claim 2, which further comprises one or more compounds of the formula V



in which



are each, independently of one another,



R^{51} and R^{52} are each, independently of one another, an alkyl or, alkoxy radical having 1 to 7 carbon atoms or alkenyl radical having ~~1~~ 2 to 7 carbon atoms respectively, and

n and m are each, independently of one another, 0 or 1.

5. (Original) A medium according to Claim 1, wherein the proportion of compounds of the formula I in the medium as a whole is at least 5% by weight.

6. (Original) A medium according to Claim 4, wherein the proportion of compounds of the formulae II to V together in the medium as a whole is from 40% to 90% by weight.

7. (Original) A multibottle liquid-crystal system which comprises a medium according to claim 1.

8. (Original) An electro-optical device which comprises a liquid-crystalline medium of claim 1.

9. (Original) A medium according to claim 4, which consists essentially of compounds of the formulae I to V.

10. (Currently Amended) A medium according to claim 1, which exhibits a nematic phase at least down to -20°C ~~-30°C~~ and at least above 75°C ~~80°C~~ , a birefringence value of ≤ 0.090 ~~or ≥ 0.100~~ ≤ 0.085 or ≥ 0.105 , and a rotational viscosity, γ_{12} , at 20°C , of less than ~~$160\text{mPa}\cdot\text{s}$~~ $130\text{ mPa}\cdot\text{s}$.

11. (Previously presented) A medium according to claim 4 which comprises a concentration of 3-65% compounds of the formula I, 3-40% of compounds of the formula II, 2-50% of compounds of the formula III, 10-50% of compounds of the formula IV and 30% or less of compounds of the formula V.

12. (Original) A medium according to claim 4, which comprises more than 50% of compounds of the formula I to V.

13. (Original) A medium according to claim 4 which comprises more than 90% of compounds of the formula I to V.

14. (Original) A medium according to claim 2, which consists essentially of compounds of the formula I to IV.

15. (Previously presented) A medium according to claim 1, wherein, in formula IV, X^4 is F.

16. (Previously presented) A medium according to claim 1, which comprises a compound of the formula IV wherein $k = 0$.

17. (New) A medium according to claim 1, which exhibits a rotational viscosity, γ_1 at 20°C, of less than 130 mPa·s.

18. (New) A medium according to claim 1, which exhibits a birefringence value of ≤ 0.080 or ≥ 0.110 .

19. (New) A medium according to claim 17, which exhibits a birefringence value of ≤ 0.080 or ≥ 0.110 .

20. (New) A medium according to claim 1, wherein the medium comprises at least one compound of the formula IIIg.

21. (New) A medium according to claim 1, wherein the medium comprises at least one compound of the formula I wherein X^1 is F.